

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS101419\  
 Data File : PS007133.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 14 Oct 2019 16:06  
 Operator : SM\AJ  
 Sample : K5111-02  
 Misc : LOQ 200 PPB  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_S  
 ClientSampleId :  
 LOQ-SOIL-02-QT4-2019

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 14 17:45:03 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS101419.M  
 Quant Title : 8080.M  
 QLast Update : Mon Oct 14 13:54:23 2019  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

|                             | Compound     | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml     |
|-----------------------------|--------------|-------|-------|----------|----------|---------|-----------|
| -----                       |              |       |       |          |          |         |           |
| System Monitoring Compounds |              |       |       |          |          |         |           |
| 4) S                        | 2,4-DCAA     | 5.477 | 5.208 | 488.7E6  | 243.0E6  | 357.030 | 345.515   |
| Target Compounds            |              |       |       |          |          |         |           |
| 1) T                        | Dalapon      | 2.047 | 1.757 | 299.4E6  | 159.0E6  | 178.945 | 174.678   |
| 2) T                        | 3,5-DICHL... | 4.852 | 4.516 | 319.3E6  | 166.2E6  | 190.004 | 193.110   |
| 3) T                        | 4-Nitroph... | 5.357 | 4.905 | 96584116 | 75173971 | 160.847 | 190.365   |
| 5) T                        | DICAMBA      | 5.624 | 5.332 | 1022.4E6 | 515.6E6  | 208.090 | 198.136   |
| 6) T                        | MCPD         | 5.769 | 5.412 | 61520587 | 33771811 | 17.455  | 17.804    |
| 7) T                        | MCPA         | 5.900 | 5.587 | 100.2E6  | 56501188 | 19.428  | 19.435    |
| 8) T                        | DICHLORPROP  | 6.251 | 5.866 | 236.7E6  | 130.6E6  | 201.907 | 200.536   |
| 9) T                        | 2,4-D        | 6.477 | 6.141 | 370.7E6  | 159.0E6  | 300.829 | 199.355 # |
| 10) T                       | Pentachlo... | 6.718 | 6.496 | 3945.0E6 | 2090.0E6 | 220.982 | 217.342   |
| 11) T                       | 2,4,5-TP ... | 7.255 | 6.860 | 1463.2E6 | 768.8E6  | 209.945 | 202.126   |
| 12) T                       | 2,4,5-T      | 7.534 | 7.220 | 1626.4E6 | 640.7E6  | 212.745 | 182.871   |
| 13) T                       | 2,4-DB       | 8.063 | 7.705 | 156.7E6  | 90042321 | 164.363 | 192.112   |
| 14) T                       | DINOSB       | 9.132 | 8.009 | 1264.1E6 | 549.8E6  | 217.232 | 195.846   |
| 15) T                       | Picloram     | 8.980 | 8.902 | 2066.4E6 | 1052.5E6 | 187.223 | 171.408   |
| 16) T                       | DCPA         | 9.405 | 8.902 | 1932.3E6 | 1052.5E6 | 215.800 | 209.879   |
| -----                       |              |       |       |          |          |         |           |

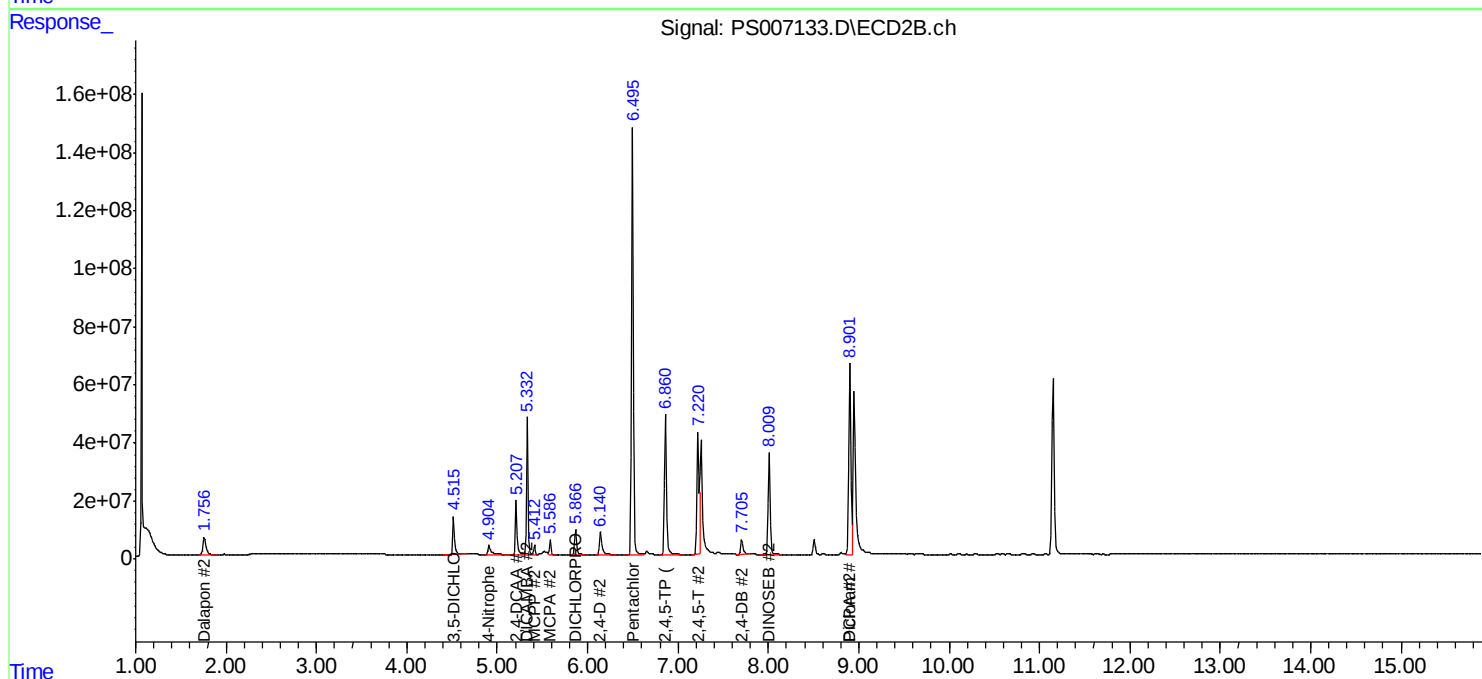
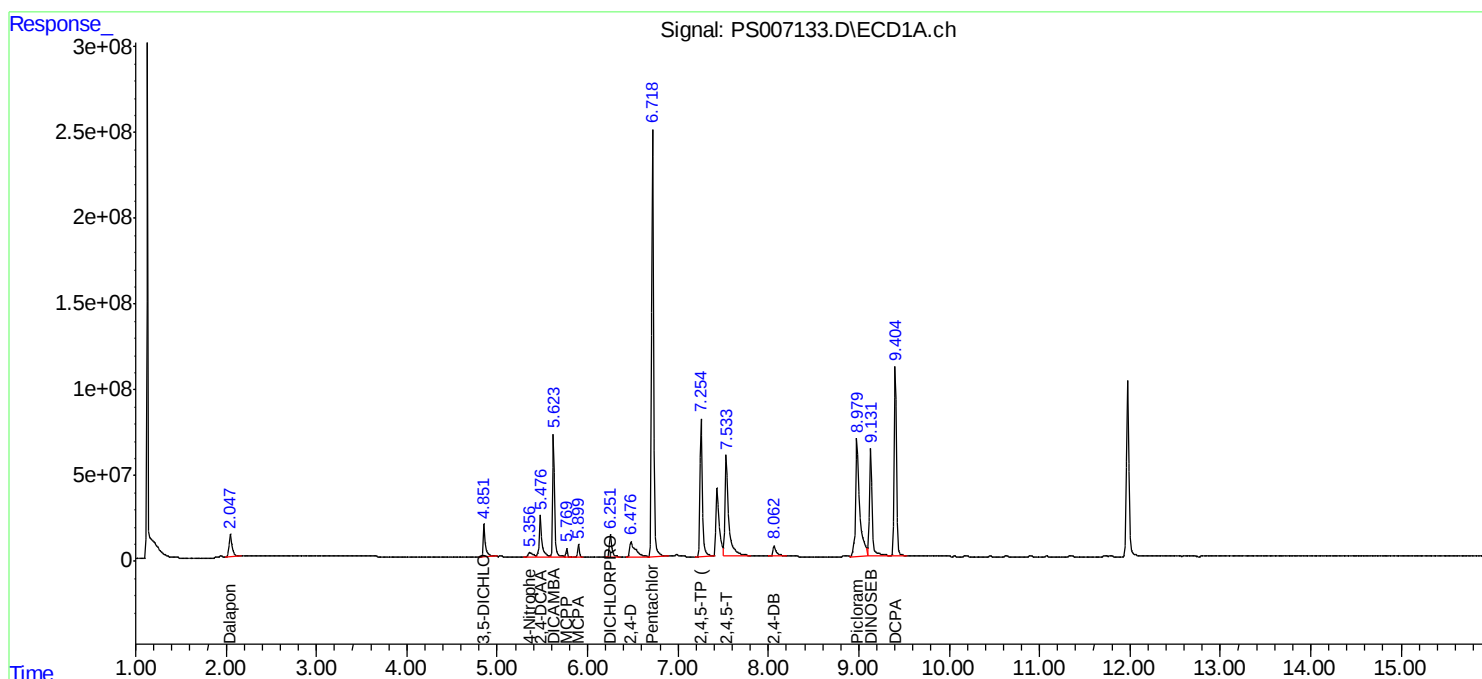
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

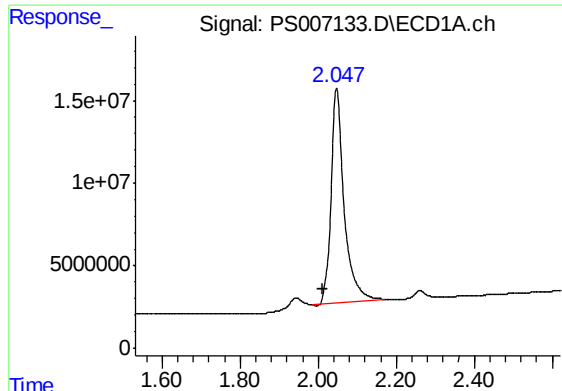
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS101419\  
Data File : PS007133.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 14 Oct 2019 16:06  
Operator : SM\AJ  
Sample : K5111-02  
Misc : LOQ 200 PPB  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
ECD\_S  
ClientSampleId :  
LOQ-SOIL-02-QT4-2019

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 14 17:45:03 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS101419.M  
Quant Title : 8080.M  
QLast Update : Mon Oct 14 13:54:23 2019  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

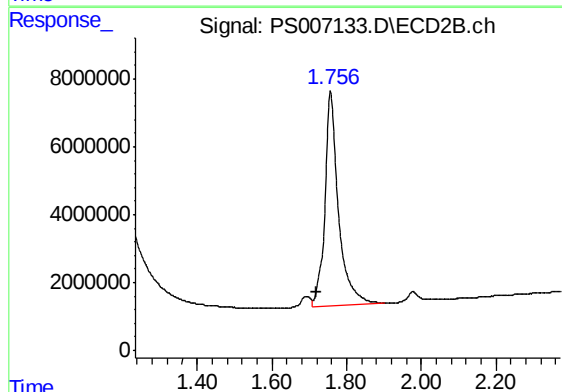




#1 Dalapon

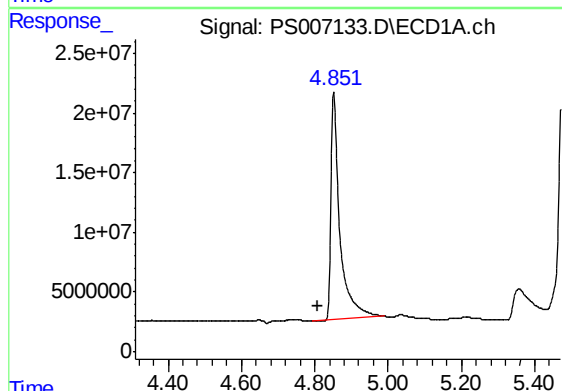
R.T.: 2.047 min  
Delta R.T.: 0.036 min  
Response: 299425733  
Conc: 178.95 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
LOQ-SOIL-02-QT4-2019



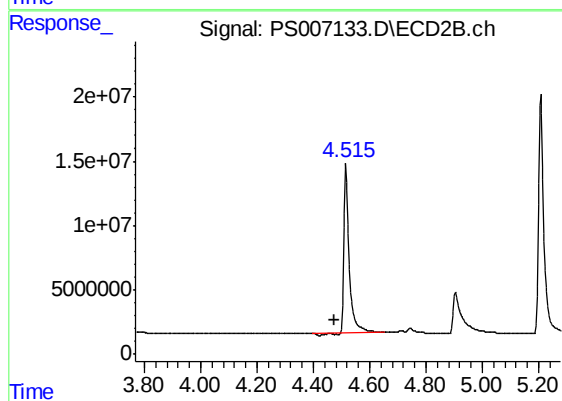
#1 Dalapon

R.T.: 1.757 min  
Delta R.T.: 0.037 min  
Response: 158957399  
Conc: 174.68 ng/ml



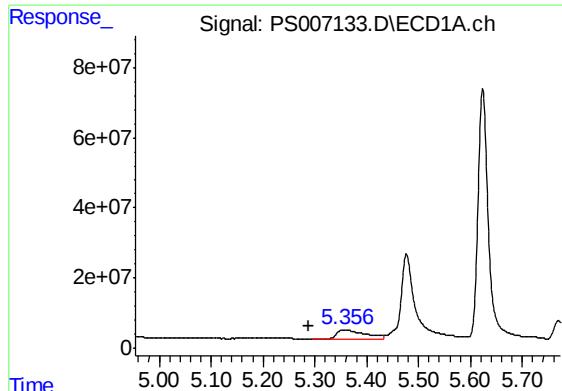
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 4.852 min  
Delta R.T.: 0.042 min  
Response: 319276550  
Conc: 190.00 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

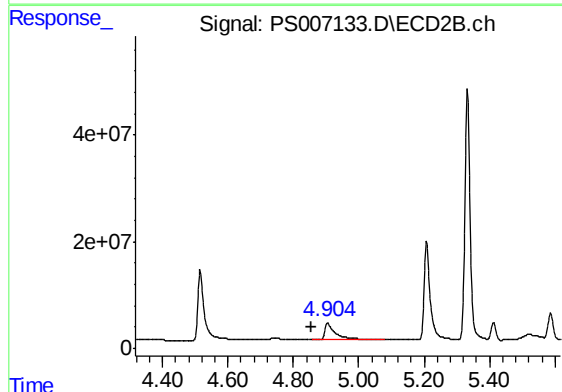
R.T.: 4.516 min  
Delta R.T.: 0.041 min  
Response: 166157935  
Conc: 193.11 ng/ml



#3 4-Nitrophenol

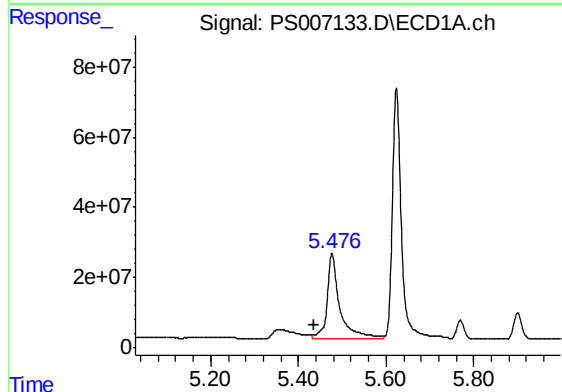
R.T.: 5.357 min  
Delta R.T.: 0.067 min  
Response: 96584116  
Conc: 160.85 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
LOQ-SOIL-02-QT4-2019



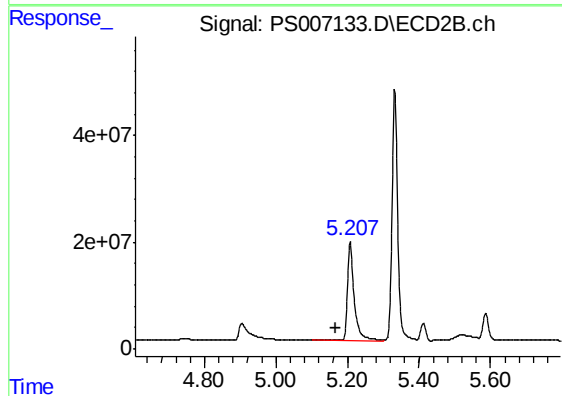
#3 4-Nitrophenol

R.T.: 4.905 min  
Delta R.T.: 0.048 min  
Response: 75173971  
Conc: 190.36 ng/ml



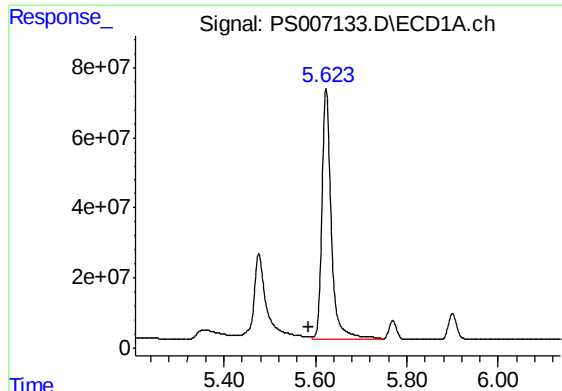
#4 2,4-DCAA

R.T.: 5.477 min  
Delta R.T.: 0.041 min  
Response: 488655557  
Conc: 357.03 ng/ml



#4 2,4-DCAA

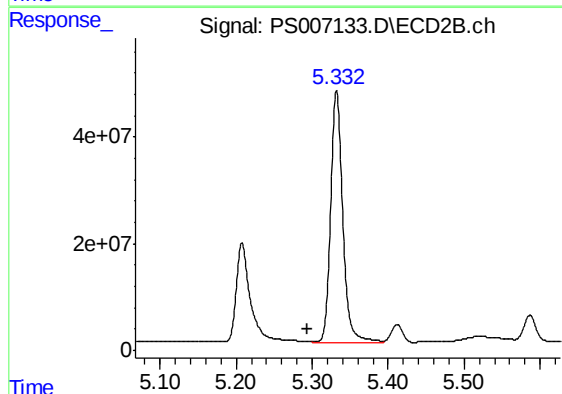
R.T.: 5.208 min  
Delta R.T.: 0.039 min  
Response: 243003235  
Conc: 345.52 ng/ml



#5 DICAMBA

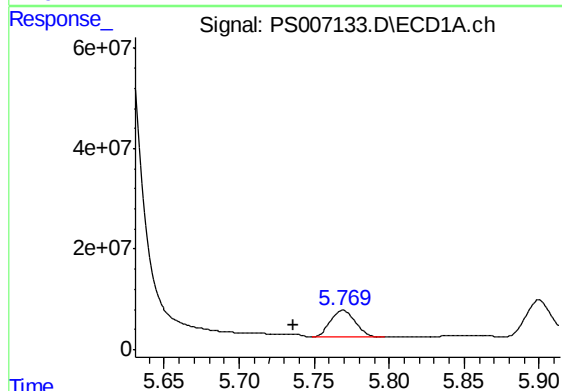
R.T.: 5.624 min  
Delta R.T.: 0.039 min  
Response: 1022431246  
Conc: 208.09 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
LOQ-SOIL-02-QT4-2019



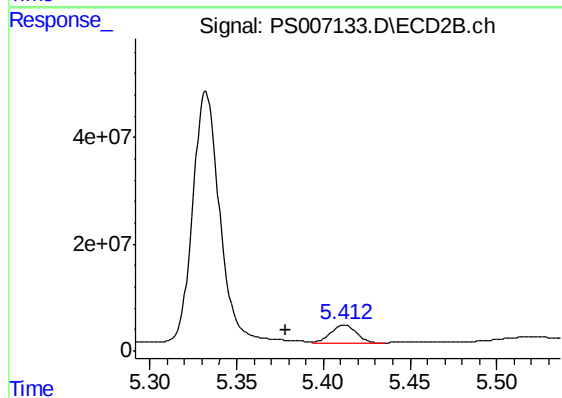
#5 DICAMBA

R.T.: 5.332 min  
Delta R.T.: 0.038 min  
Response: 515571758  
Conc: 198.14 ng/ml



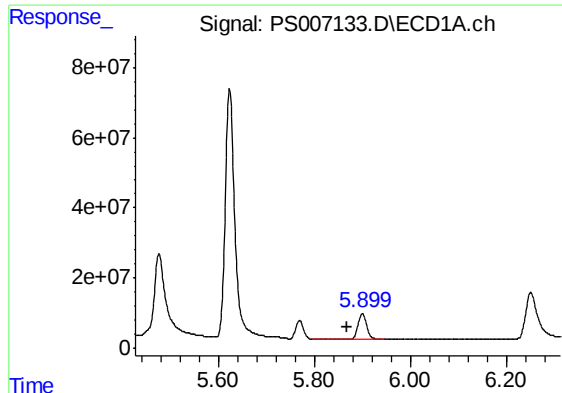
#6 MCP

R.T.: 5.769 min  
Delta R.T.: 0.033 min  
Response: 61520587  
Conc: 17.45 ug/ml



#6 MCP

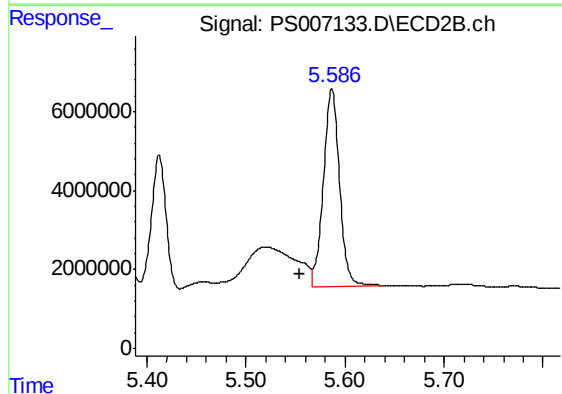
R.T.: 5.412 min  
Delta R.T.: 0.034 min  
Response: 33771811  
Conc: 17.80 ug/ml



#7 MCPA

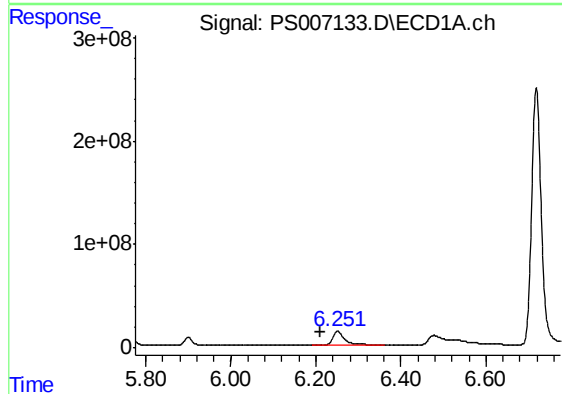
R.T.: 5.900 min  
Delta R.T.: 0.032 min  
Response: 100206731  
Conc: 19.43 ug/ml

Instrument :  
ECD\_S  
ClientSampleId :  
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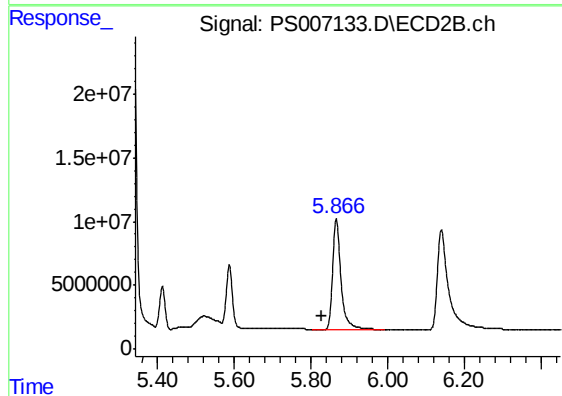
#7 MCPA

R.T.: 5.587 min  
Delta R.T.: 0.032 min  
Response: 56501188  
Conc: 19.44 ug/ml



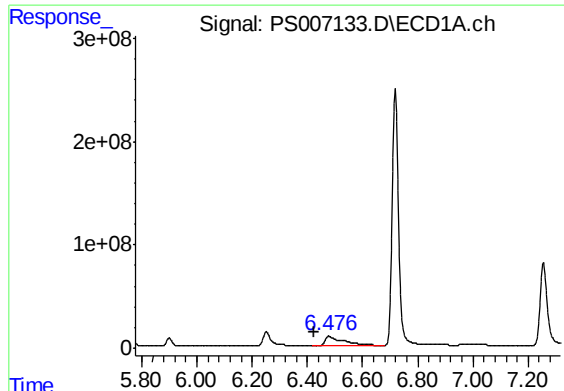
#8 DICHLORPROP

R.T.: 6.251 min  
Delta R.T.: 0.042 min  
Response: 236681049  
Conc: 201.91 ng/ml



#8 DICHLORPROP

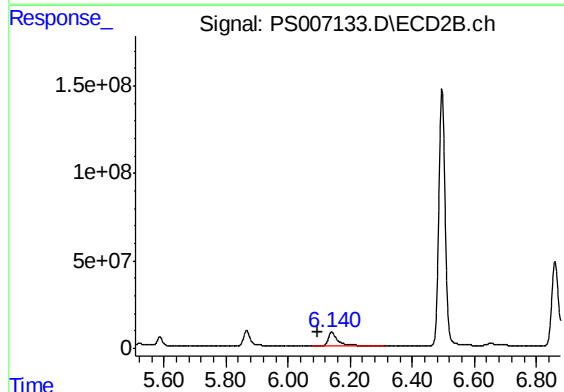
R.T.: 5.866 min  
Delta R.T.: 0.040 min  
Response: 130592107  
Conc: 200.54 ng/ml



#9 2,4-D

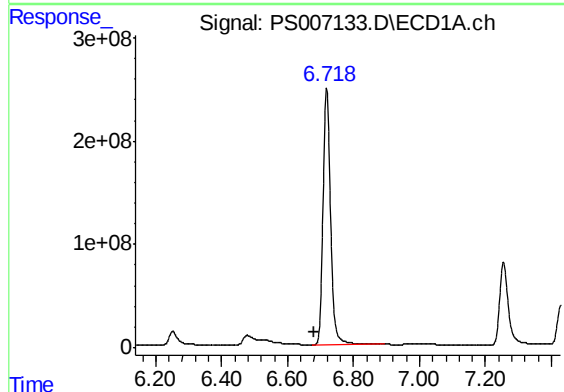
R.T.: 6.477 min  
Delta R.T.: 0.053 min  
Response: 370724606  
Conc: 300.83 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
LOQ-SOIL-02-QT4-2019



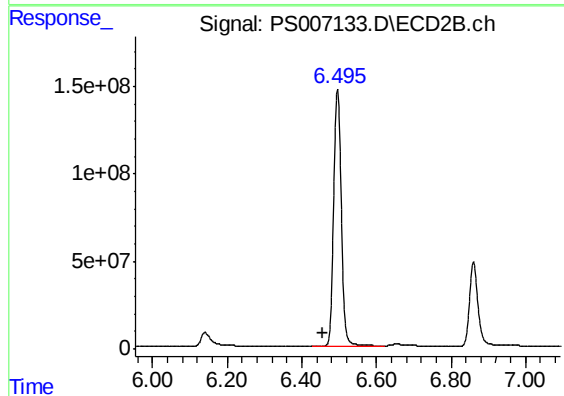
#9 2,4-D

R.T.: 6.141 min  
Delta R.T.: 0.045 min  
Response: 159044259  
Conc: 199.35 ng/ml



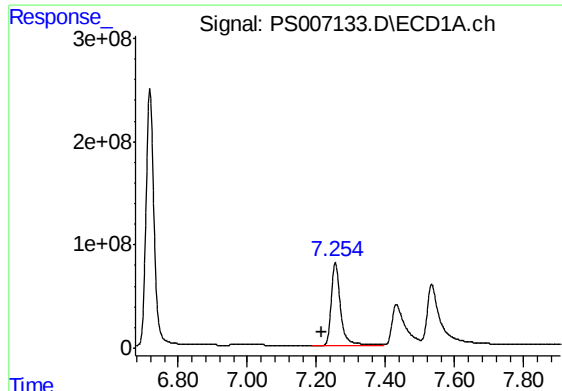
#10 Pentachlorophenol

R.T.: 6.718 min  
Delta R.T.: 0.038 min  
Response: 3945012009  
Conc: 220.98 ng/ml



#10 Pentachlorophenol

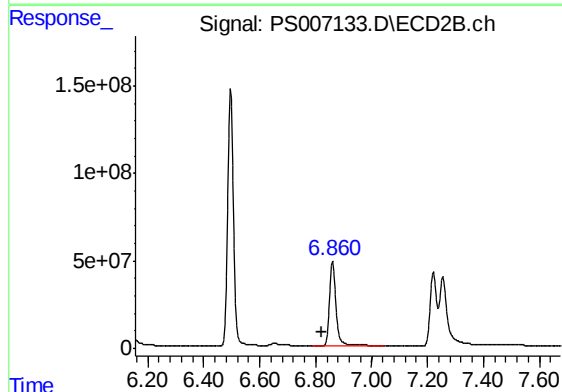
R.T.: 6.496 min  
Delta R.T.: 0.038 min  
Response: 2090045597  
Conc: 217.34 ng/ml



#11 2,4,5-TP (SILVEX)

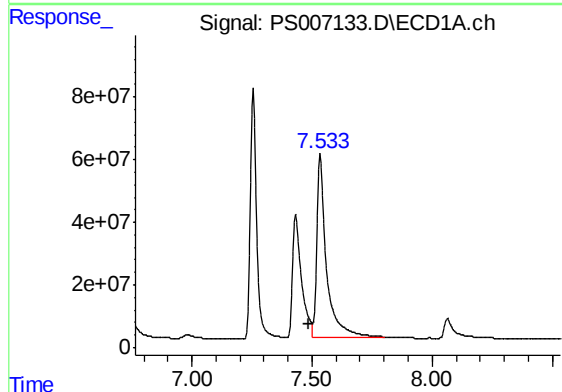
R.T.: 7.255 min  
Delta R.T.: 0.041 min  
Response: 1463246322  
Conc: 209.94 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
LOQ-SOIL-02-QT4-2019



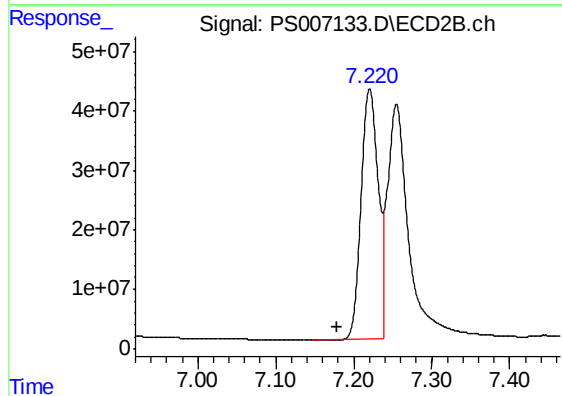
#11 2,4,5-TP (SILVEX)

R.T.: 6.860 min  
Delta R.T.: 0.040 min  
Response: 768809800  
Conc: 202.13 ng/ml



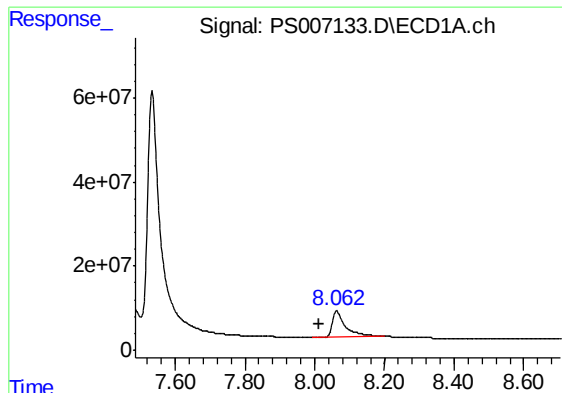
#12 2,4,5-T

R.T.: 7.534 min  
Delta R.T.: 0.048 min  
Response: 1626378831  
Conc: 212.74 ng/ml



#12 2,4,5-T

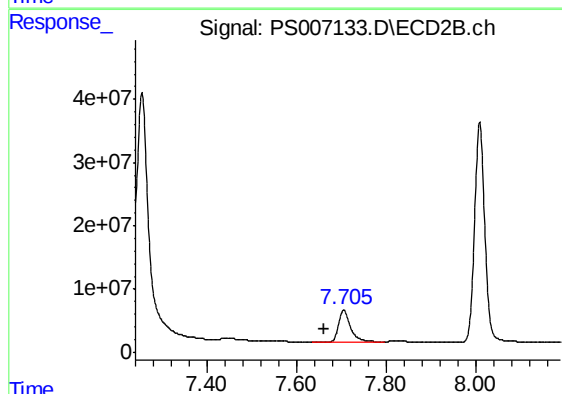
R.T.: 7.220 min  
Delta R.T.: 0.042 min  
Response: 640713325  
Conc: 182.87 ng/ml



#13 2,4-DB

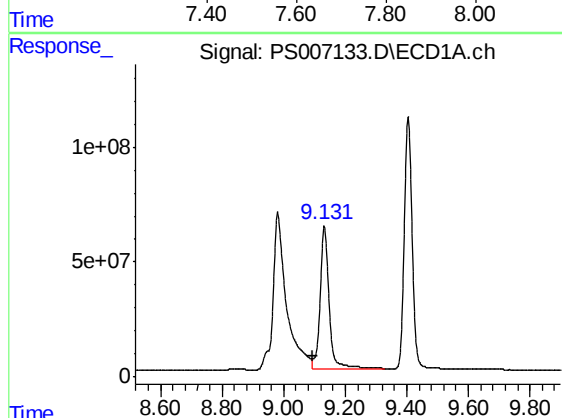
R.T.: 8.063 min  
Delta R.T.: 0.049 min  
Response: 156713490  
Conc: 164.36 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
LOQ-SOIL-02-QT4-2019



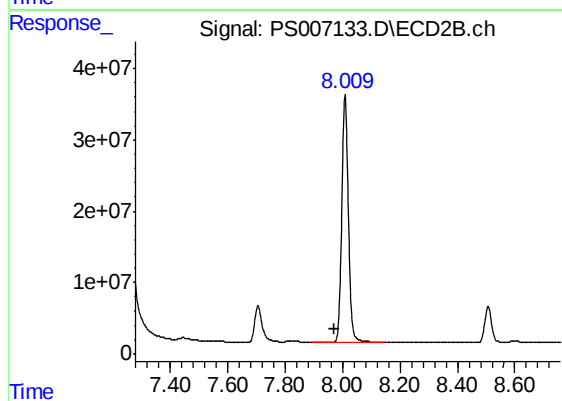
#13 2,4-DB

R.T.: 7.705 min  
Delta R.T.: 0.043 min  
Response: 90042321  
Conc: 192.11 ng/ml



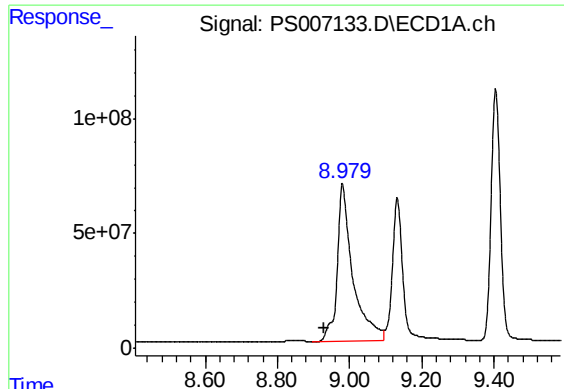
#14 DINOSEB

R.T.: 9.132 min  
Delta R.T.: 0.037 min  
Response: 1264110580  
Conc: 217.23 ng/ml



#14 DINOSEB

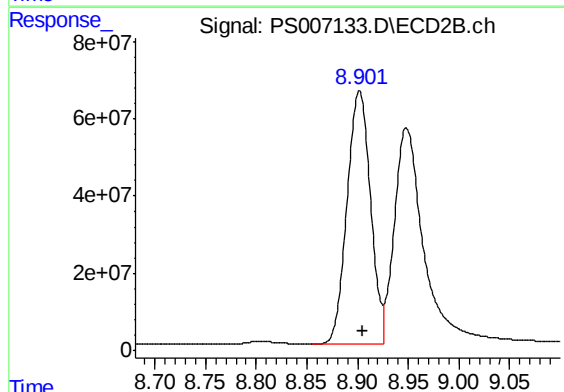
R.T.: 8.009 min  
Delta R.T.: 0.038 min  
Response: 549811291  
Conc: 195.85 ng/ml



#15 Picloram

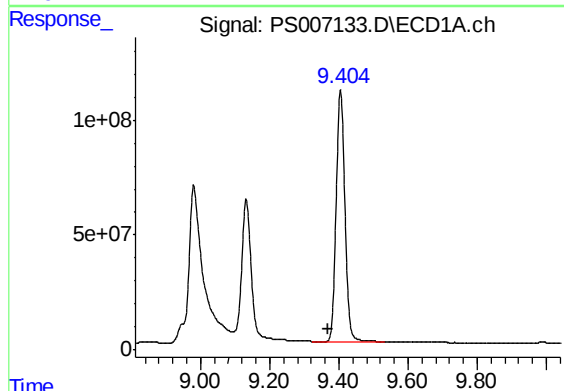
R.T.: 8.980 min  
Delta R.T.: 0.051 min  
Response: 2066431276  
Conc: 187.22 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
LOQ-SOIL-02-QT4-2019



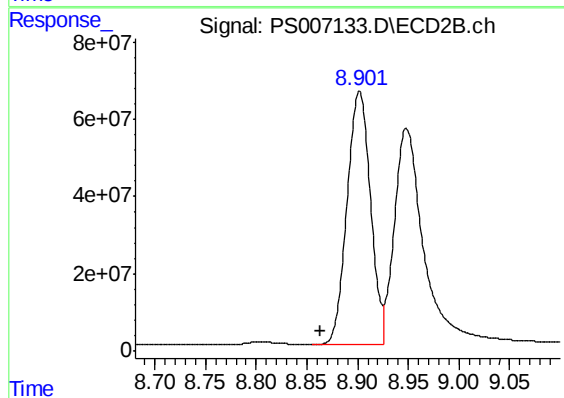
#15 Picloram

R.T.: 8.902 min  
Delta R.T.: -0.003 min  
Response: 1052468854  
Conc: 171.41 ng/ml



#16 DCPA

R.T.: 9.405 min  
Delta R.T.: 0.037 min  
Response: 1932340407  
Conc: 215.80 ng/ml



#16 DCPA

R.T.: 8.902 min  
Delta R.T.: 0.038 min  
Response: 1052468854  
Conc: 209.88 ng/ml